



- EXPLANATION**
- Recent
Alluvium
Breathitt formation
- QUATERNARY
PENN-SYLVANIAN
CARBONIFEROUS
- Contact, approximately located
- Fault, approximately located
U, upthrown side; D, downthrown side
- Structure contour drawn on base of Magoffin member (Morse, 1931)
Dashed where approximately located or projected from other key beds. Control by aneroid barometer and hand level. Contour interval 20 feet; datum is mean sea level
- 3
Location and number of measured stratigraphic section shown on plate 2
- 6
Location and number of composite stratigraphic section shown on plate 2
- Outcrop line of Lower Skyline coal
- Outcrop line of Hindman(?) coal
- Outcrop line of Fugate coal
- Outcrop line of Oakley coal
- Outcrop line of Prater coal
- Outcrop line of Haddix coal
- Outcrop line of Magoffin member
- Outcrop line of Fire Clay coal
- Outcrop line of Gun Creek coal

Outcrop lines of key beds in the Breathitt formation
Solid lines show outcrop where less than one-fourth of a mile from control point. Dashed lines show outcrop where more than one-fourth of a mile from control point. Dotted line shows approximate location where control is by alluvium. Lines are not shown where control is lacking

- x 20
Location of coal section
Number refers to figures in text
- x
Location of mine, prospect, or outcrop
- 4
Dry hole
- 1
Dry hole with show of oil
- 5
Dry hole with show of gas
- 2
Dry hole with show of oil and gas
- All dry holes approximately located
Numbers refer to table 5

**GEOLOGIC MAP OF THE SEITZ QUADRANGLE, BREATHITT, MAGOFFIN,
MORGAN, AND WOLFE COUNTIES, KENTUCKY**

SCALE 1:24,000
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

Base from U. S. Geological Survey
Seitz 1951 quadrangle; scale 1:24,000

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